

Substitute Form PTO-1449
(Modified)

U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.
10278-022001

Application No.
09/686,497

**Information Disclosure Statement
by Applicant**

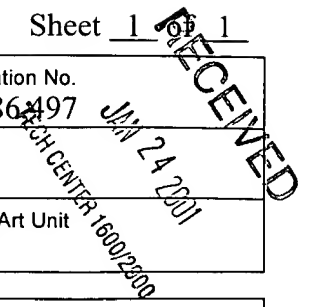
(Use several sheets if necessary)

(37 CFR 1.98(b))

Applicant
Richard F Selden et al.

Filing Date
October 11, 2000

Group Art Unit
1653



U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
Me	AA	4,965,199	10/23/90	Capon et al.	435	69.6	08/07/87
Me	AB	5,786,464	07/28/98	Seed	536	23.5	09/19/94
Me	AC	5,795,737	08/18/98	Seed et al.	435	69.1	09/22/95
Me	AD	6,114,148	09/05/00	Seed et al.	435	91.1	09/20/96

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AE	WO 96/09378	28.03.96	PCT	duplicate			
Me	AF	WO 97/11086	27.03.97	PCT				
	AG	WO 97/26333	24.07.97	PCT				
	AH	WO 97/31115	28.08.97	PCT				
	AI	WO 97/47358	18.12.97	PCT				
	AJ	WO 97/48370	24.12.97	PCT				
	AK	WO 98/12207	26.03.98	PCT	duplicate			

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AE	Andre et al., "Increased Immune Response Elicited by DNA Vaccination with a Synthetic gp120 Sequence with Optimized Codon Usage", Journal of Virology, Vol. 72, No. 2, pp 1497-1503 (1998)
	AM	Berg et al., "Growth Rate-optimised tRNA Abundance and Codon Usage", J. Mol. Biol., pp 544-550 (1997)
	AN	Billinton et al., "Development of a green fluorescent protein reporter for a yeast genotoxicity biosensor", Biosensors & Bioelectronics, 13, pp 831-838 (1998)
	AO	Hannig et al., "Strategies for optimizing heterologous protein expression in Escherichia coli", TIBTECH, Vol. 16, pp 54-60 (1998)
	AP	Hubatsch et al., "Human glutathione transferase A4-4: an Alpha-class enzyme with high catalytic efficiency in the conjugation of 4-hydroxynonenal and other genotoxic products of lipid peroxidation", Biochem. J., 330, pp 175-179 (1998)
Me	AQ	Kim et al., "Codon optimization for high-level expression of human erythropoietin (EPO) in mammalian cells", GENE, 199, pp 293-301 (1997)
	AR	Mehta et al., "Optimized Gene Synthesis, High Level Expression, Isotopic Enrichment, and Refolding of Human Interleukin-5", Protein Expression And Purification, 11, pp 86-94 (1997)
	AS	Selomovici et al., "Does Escherichia coli Optimize the Economics of the Translation Process?", J. theor. Biol., 185, pp 511-521 (1997)

Examiner Signature

N. Selden

Date Considered

11/5/02

MINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with communication to applicant.



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Sheet 1 of 1

Substitute Form PTO-1449 (Mandatory)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10278-022001	Application No. 09/686,497
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Richard F Selden et al.	
		Filing Date October 11, 2000	Group Art Unit 1653

U.S. Patent Documents							
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	AA						
	AB						
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	AD						
	AE						
	AF						

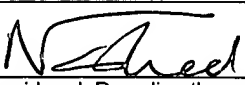
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
ne	AG	96/09378 A1	03/28/1996	WIPO				
ne	AH	98/12207 A1	03/26/1998	WIPO				
	AI							
	AJ							
	AK							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
ne	AL	Peter Lind et al., "Novel forms of B-domain-deleted recombinant factor VIII molecules Construction and biochemical characterization", <u>European Journal of Biochemistry</u> , Vol. 232, No. 1, pages 19-27 (August 15, 1995)
ne	AM	Carmel M. Lynch et al, "Sequences in the Coding Region of Clotting Factor VIII Act as Dominant Inhibitors of RNA Accumulation and Protein Production", <u>Human Gene Therapy</u> , Vol. 4, No. 3, pages 259-272 (June 1, 1993)
ne	AN	Louise C. Wasley et al., "PACE/Furin Can Process the Vitamin K-dependent Pro-factor IX Precursor within the Secretory Pathway", <u>Journal of Biological Chemistry</u> , Vol. 268, No. 12, pages 8458-8465 (April 25, 1993)
	AO	

Examiner Signature 	Date Considered 10/28/02
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	